

MINES AND MERCHANDISE.

Out of 242 gold, silver, copper and lead mines owned by corporations in each side. the states and territories west of the Missouri river and in two states east of the river-Michigan and Minnesota it is found by checking them out that 122 of them, more than one-half of all, are paying dividends to their stock-

These do not include mines owned and operated by individuals, or private firms, only those which are incor-

any other industry commercial or other that can make an equally good show-ing. The Mining and Scientific Press of San Francisco draws attention to a circumstance which has a bearing on this matter as showing how impossible it would be for a paying mining property to collapse and go into bank-ruptcy as did a few weeks ago an old

ing that mining partakes of the nature of permanency to the same extent of any other form of business, and that it Saturday from California, where he have rarely been found depths greater is no uncommon thing to note the colis no uncommon thing to note the collapse and disappearance of old estab-lished and apparently prosperous busi-nesses of every kind. A case in point occurred last week—the failure of the Boston Woven Hose and Rubber company. Here was a long established, in mining circles and there promises conservative, intelligently managed to be an active inquiry for mines, esconcern, paying dividends steadily for pecially copper properties in that secyears at the rate of 8 per cent per annum, and its stock above par-115. Yet it has been swept out of existence by some one of the many ground swells eral years, and was in charge of the tides. This was a fair representative of Globe last Saturday for a short stay. 'solid' business. Its owners and managers might possibly think mining unsafe and unreliable, a 'transitory' proposition. Yet where in the history of mining is found instance where a mining corporation, paying regular dividends, its stock selling at \$115 on the \$100, and carefully managed and intelligently directed, collapsed in a similar way to this 'solid' Boston concern? Failure is liable in any firm of legitimate business, mining, manufacturing continuity of mining, there are quartz and hydraulic gold mines in California that have been worked profitably and continuously for nearly forty years; 400h anniversary of its continuous working; the Rio Tinto of Spain has yielded almost continuously for over 1,000 years. The list might be extend-

LATEST MINING PATENTS.

industry were granted during the week ending June 28, 1898:

To Alfonso Pesant of Brooklyn, N. Y., for a crushing roll, consisting of a shaft having sections of different di-ameters, a roll cylinder having sections of corresponding diameters mounted thereon, and means for securing the roll cylinder to the shaft.

Orville M. Morse of Jackson Mich., for a separator, a combination of the screen frame, the screen therein, means for imparting motion thereto, a feed frame above the screen, flexible straps for suspending the feed frame over the screen, circular disks secured to the screen, to which the upper ends of the straps are secured, and means for rotating the disks to adjust the feed frame.

To Stephen P. Quick of Johannes burg, South Africa, for a machine for shaping or forging and sharpening rock drills. A die fitted with an inclined cutter, so disposed or arranged as to constitute that portion of the die which affects the formation of the extreme cutting edge on the drill simultaneously with the formation of the tapering or angular faces, the cutter being set at such an inclination as to form the desired bevel at the cutting point of the drill in addition to the cutting edge.

To Ernest Holmes of London, England, for a portable electric drill a combination with a magnet core and mag net, of two crescent-shaped pieces secured to the under side of the core, a yoke frame secured to and depending from the pole pieces and terminating in a central spindle bearing, an armature spindle journaled in the bearing, an armature fixed to the upper end of the spindle and arranged to rotate between the pole pieces, an under frame mounted below the voke and forming a drill spindle bearing, a drill spindle journaled in the bearing and provided with a gear wheel, a pinion fixed to the armature spindle, a gear wheel and a pinion journaled one above he other in the under frame, the latter gear wheel and plnion meshing with the aforesaid wheel and pinion, a sleeve screwed upon the lower end of the under frame, a drill fixed to the spindle, an elastic washer fixed in the sleeve and having its lower edge exposed below the same, handles secured to the magnet core, and a casing surrounding the operating mechanism of be drill and having ts lower portion tapered toward and secured to the un-

der frame. To Peter M. Weber of Munhall, Pa., for rolls having at the first pass reg istering projections arranged to form a single upper and lower registering groove in the metal, and succeeding passes having symmetrical flatter and wider projections arranged to sprer

the metal symmetrically in a latera direction and flatten the grooves to substantially the same amount upon

NUGGETS FROM THE HILLS

Coke for the United Globe mines has been coming in more freely the past week, and it is reported there are a number of cars of coke on the side track this side of the sub-agency .

Jake Abraham from Silver City, N. ably return in the fall.

yesterday. He informed us that the mines which Con Crowley and he are developing, and which they own jointly with W. T. and H. H. McNelly and ly with W. T. and H. H. McNelly established mercantile house of Boston. It says:

"Reference was recently made to casual comment on the 'transitory' nature of mining, the point in reply beauthous and some of the ore runs well in gold.

-Silver Belt. Murray Innes returned to Globe last district is attracting much attention in mining circles and there promises pecially copper properties in that sec-

Will Ryan who has been living in Grant county, N. M., for the past sev-Globe last Saturday for a short stay. He has not lost his attachment for Globe and may decide to return there central plateau that has few irregulari-with his family to reside. Mrs. Ryan ties of surface; the surface of this and children are at present living in plateau is 12 000 to 15,000 feet below Deming. Mr. Ryan is a practical the sea level, and although Mont Blanc smelter man and was for many years could be submerged there, it would be with the Old Dominion Copper comeasy enough to travel over this surpany, before the purchase of the property by its present owners.

Another draft was made at the United Globe mines Monday, reducing the long, and, except for one point where force, so we are informed, to about 30 probably an extra horse would be reto a less aggregate percentage than in the latter two. As for permanence and continuity of mining there are the latter two. rival of coke and building materials. The erection of a hospital building has been begun, and an extension to the smelter is being built to accommodate recently the Eissenzecher Zug mine the new furnace to be completed and near Sigen, Germany, celebrated the the smelter ready to blow in within a couple of weeks. It is not probable, however, that smelting wil be resumed at an early date.—Silver Belt.

James A. Fleming is elated over recent developments on the Diamond H group of mines. The new working group of mines. sha... at a depth of 70 feet is in rich Five patents affecting the mining bottom of the shaft. It is expected At another place on the surface four pania bound for a European trip that troops raised by himself. feet of ore has been uncovered, which will cost time and money without stint. The new governor is s assays high in gold, some of it \$150 One was David Moffat, banker and sil- in Washington that extended descripto the ton. In sinking an old shaft ver king of Colorado. The other was tion of him is not necessary. He is water was struck, strongly impregnat- Tom Gay, head waiter of the Fifth Av ed with copper. An analysis of the water made by L. G. Coombs, assayer, gave a return of 22 pounds of copper. The two men weren't acquainted g to 100 gallons of water. Mr. Fleming few weeks ago, when Moffat entered where. He was a member of the Fifty-believes that in the Diamond H he has the hotel. He is worth \$40,000,000, and fourth congress, where he did splendid one of the most promising mines in Globe district and we hope his expectations will be realized, as there is no money on all sides. His appearance at a local paper, nor for any other office.

THE DEPTHS OF THE OCEAN.

Some interesting facts regarding re cently acquired knowledge of the bottom of the sea were given in a lecture on submarine cables delivered in Paris M. J. Depelley under the auspices of the French colonial union. The lowing extracts are made by Ciel et Terre, Paris:

The knowledge of the depths of the ca is a comparatively new science, the light on the nature and configuration of the ocean's bottom having been ob-tained brough the progress of submarine telegraphy.

"Before this, navigators confined their efforts to the discovery of the boundaries of the surface, and nothing seemed least important to those who sailed over it than the fact that the abyss beneath was 3,000 to 30,000 feet deep. Little attention was given to the depths of the sea until the day when the first essays toward submarine telegraphy gave the immediate interest of utility to this new study.

Up to that time soundings had scarcely been made anywhere except on coasts, in the mouths of rivers and in harbors, where the depth might be so slight as to threaten the safety of M., was at Globe from Saturday till vessels. But when submarine telegraporated and are being worked in the Tuesday last, looking the camp over phy came to demand as exact knowl, states and territories mentioned above.

It may be doubted whether there is ment. Mr. Abraham resided there for all its variations, soundings were exedge as possible of the sca bottom, with several years prior to the spring of tended, and the means of investigating 1882, and found a number of his old great depths were studied. A large friends glad to see him. He will probnow been made by the French, English Al Sieber came in from Pinto creek and American navies-principally by of the earth.

"Thus, the Mediterranean is now quite well known, and we are almost ertain that it is nowhere more than 11,000 feet deep. In the Atlantic there than 20,000 or less than 6,000 feet, ex-

cept near the coasts. "One more important result of these studies is the indication that the sea bottom, in deep places, is, except in certain regions, remarkably regular. In the north Atlantic, which has hitherto been best explored, the slopes are so regular and gentle that Huxley asserted that he might travel by carriage from the coast of Ireland to Newfoundland, if the ocean were dried up. From Ireland there is a regular incline out extends, for a distance of 1,200 miles, a restrial plain. At the end of this pla teau begins an upward slope 450 mile quired, the carriage would easily reach

Newfoundland. "Another interesting fact is that the deep sea bottom everywhere appears to be in the same condition—a layer of soft slime, smooth to the touch, formed of a mass of microscopic shells. This is found in almost all oceans, even in the Pacific, the only difference being slight variations of color."-Translated for the Literary Digest.

WAITER FOR HIS CHUM.

A dollar for a glass of ice water was cheap, and if anything stronger was called for the waiter could keep the change, no matter what it might be. The mine owner had no idea of go-

ng abroad when he came here, but he oon tired of New York in summer and determined on a foreign trip. He is a sociable man, and never cares to travel aione, so he cast about for a compan-

He found him in Gay, the head waiter, who had been at the hotel for thirty years. They had mutual likes and dislikes, and became such fast friends that the millionaire suggests a foreign trip abroad, of indefinite dis-tance and time, he to pay all expenses, Gay was delighted and these two, the silver king and the waiter, sailed on

the Campania yesterday.

Mr. Moffat was the lay figure and victim in a remarkable robbery in 1889, when he was president of the First Na-tional bank in Denver. He was sitting in his office when a respectable

looking stranger entered unannounced "I have a check for \$21,000," said the fellow in a cool way. "In my other hand I have a bottle of nitro-glycerine as you will see. Sign that check, order the cashier to pay it to me or I will blow you and myself to hell. Don't make a false move or I will throw it

at your feet." Moffat signed the check and took the stranger to the cashier. Both mer preserved their nerve and nothing un usual was noticed. The man received the \$21,000 and with a warning glance at Moffat, disappeared. He has not been seen since, though the bank has spent a small fortune on detectives. The bottle was found in a hallway. It

contained castor oil. THIS WAS IN ENGLAND.

The duke of Norfolk is an exceedingly kind hearted, quiet, unassuming THE PHOENIX man; but on one occasion he gave a postoffice young woman a severe fright. She had got into the habit of ruling the public with a rod of iron and flavoring her remarks with a good deal of impudence. The duke saw and heard much of this while he was writing his telegram, recounts the Lon- Machine Work of all don Telegraph. When his turn came the young woman took his telegram, read it, and dashed it back to him, sayng snappishly: Telephone 97.

"Put your name to it. What's your

"That will do," said the duke, jointing to the signature, "Norfolk."
"That's not the name of a man; that

is the name of a country," snapped the clerk.

The duke took the telegram and pro eeded to write another, which ran: "Permanent Secretary, G. P. O., Lon-don: Clerk at this office exceedingly nsolent to the public; reprimand se verely; dscharge on second complaint.
The Postmaster General."
As he handed it in he observed:

"This is official and will go free."

When the young woman read it she early had a fit; but, as the duke only intended to give her a lesson, he consented after much entreaty and prom-ise of amendment, to destroy the second telegram.

WELL KNOWN IN WASHINGTON. every way satisfactory, and his an people in the habit of thinking that

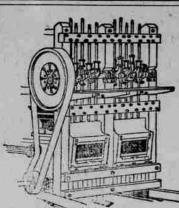
Hon. N. O. Murphy, who was for the second time appointed governor of Arizona yesterday, was seen at the Normandie last evenng. He was appointed to succeed Myron H. McCord, who was named for the governorship of the territory by President McKint developments on the Diamond H Denver Milionaire Goes Abroad to Spend His Money.

The new working Denver Milionaire Goes Abroad to Spend His Money.

Do not accuse a man of doing wro directly of freet is in rich Spend His Money.

Do not accuse a man of doing wro directly of freet is in rich Murphy being a warm supporter of Murphy being a warm supporter of Murphy being a warm supporter of McCord. The latter resigned his office the most progressive man in the territory of the most progressive man in the territory

one of the broad minded, big hearted amiable and forceful sert of men that predominate in the west. His genial manner makes him friends everyone more deserving of success than he. the hotel was a signal for advance in the former administration of the amount of tips all along the line. the amount of tips all along the line. governorship of the territory was in



GATES IRON WORKS

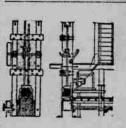
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pointment now will please the people: everything is "fish."
regardless of parties, for he counts some of his strongest personal friends the reputation of the man who allows

-Washington Post, SERMONS IN STONES.

First John, iv., 18, tells the people how to live and enjoy life. You cannot tell by a man's looks

how much he owes. Stormy days are always on then we are looking for sunshine.

Life is full of trouble to the man that's full of booze, but he doesn't usu-

ally realize it. Fish lies are innocent, but they get wife.

them to never does. A broad minded man, in the opinion

of the street loafer is one who always has the price of a drink to loan. Do not accuse a man of doing wrong just because your neighbors do. They may be telling him as much about you

church do not sing the prettiest at

Sometimes the fewer acquaintances a man has the fatter his pocketbook

It is often just as well to appear a little stupid at times if you don't carry

it to exces Half of life is hope, but half of hope isn't life-hope is good as an incentive but not as a reality.

Love is a very one-sided affair when the husband thinks he should have all of it and carries none of it home to his

